PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007, OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TF	RANSMITTAL LETTER TO DESIGNATED/ELECTED	ATTORNEY'S DOCKET NUMBER INA-40						
	NCERNING A SUBMISSIO	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
INTERN	ATIONAL APPLICATION NO. CT/DE2004/002607	24 Nov. 2004 (24.11.04)	28. November 2003 (28.11.2003)					
ME		FOR PRODUCING A ROTARY JOINT						
	NT(S) FOR DO/EO/US iner BREITENBACH et al.							
Applicar	nt herewith submits to the United Sta	ates Designated/Elected Office (DO/EO	/US) the following items and other information:					
1. 🗹	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	The US has been elected (Article 31).							
5.	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))						
	<ul> <li>a.  is attached hereto (required)</li> </ul>	only if not communicated by the Internation	al Bureau).					
	b. has been communicated by the International Bureau.							
_	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a.  is attached hereto.							
	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
_	d. have not been made and will not be made.							
8. 🔲	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items	tems 11 to 20 below concern document(s) or information included:							
11. 🔲	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.							
14.	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							

This collection of Information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Consideratially is governed by 39 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including glatering information, preparing and submitting the completed from the USPTO. Time will very depending upon the individual case. An empirical control of time just required to control the individual case. Any of the individual case, and the in Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

PTO 1308 (W., 07-200)
Approved for use through 31/1007. ONE 051-050.
U.S. Pallett and Tredemark Office; U.S. DEPARTMENT OF COLMERCE
Under the Paperwark Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays availed Used content or

21.	U.S. APPLICA	ATION NO. (if know	n, see 37 CFR 1.5	PCT/DE2004/		ATTORNEY'S D INA-40	OCKET NUMBER
21. December 2. Search readonal fee (37 CFR 1.492(a))							
22.	The fo	llowing fees have I	been submitted			CALCULATIONS	PTO USE ONLY
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1):(4)	21. A Basic national fee (37 CFR 1.492(a))\$300					\$ 300.00	
All other situations	22. 🔽 Exa	mination fee (37 C	FR 1.492(c))				
If the written opinion of the ISAUS or the International preliminary examination report prepared by ISEAUS indicates all claims at earlier provisions of PCT Aftel 33 (1/4)	by IPEA	/US indicates all c	\$ 200.00				
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CPR 1.452(i)).  The fee of 2250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  **Specification of the state of commencement of the national stage (37 CPR 1.42(b)).  **Specification of the state of commencement of the national stage (37 CPR 1.42(b)).  **CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims 18 - 20 =	If the written opi IPEA/US Search fee (37 C Internati International Sea previous	nion of the ISA/US 5 indicates all clain CFR 1.445(a)(2)) h onal Searching Au arch Report prepar y communicated to	\$ 400.00				
sequence listing in compliance with 37 CPR 1.82 (1c) or (o) or computer program listing in an electronic residunt) (37 CPR 1.432()).  Total Sheets		TOTAL OF 21, 2	2 and 23 =			900.00	
Interest (round up to a whole number)   x \$256   \$	sequenc	e listing in complia ic medium) (37 CF s \$250 for each ac	ance with 37 CFR R 1.492(j)). Iditional 50 sheet	1.821(c) or (e) or computer p s of paper or fraction thereof.	rogram listing in an		
Surcharge of \$130.00 for furnishing any of the search fee, examination foe, or the oath or declaration filter the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FIEED NUMBER EXTRA RATE \$  Total claims 18 - 20 =			thereof (round	up to a whole number)		}	
State   Color   State   Stat						S	
Total claims	after the date of	commencement of	the national stag	h fee, examination fee, or the e (37 CFR 1.492(h)).	oath or declaration	\$	
Independent claims 3 -3 =				NUMBER EXTRA	RATE	\$	
WULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %.  SUBTOTAL =  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest latered priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE =  See for recording the enclosed assignment (37 CFR 1.21(b)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED =  **TOTAL FEES ENCLOSED =  Amount to be refunded:  Amount to be Amount to the Amount to t			8 -20=		× \$50	\$	
TOTAL OF ABOVE CALCULATIONS = \$ \$00.00 \$  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest liabined priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied ay an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			· ·		x \$200	\$	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest lained priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$  TOTAL NATIONAL FEE = \$  TOTAL FEES ENCLOSED = \$  Amount to be refunded: \$  Amount to be a found to be a feed of the process of t							
SUBTOTAL = \$  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest slatined priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$  ree for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest	_ Applicant cla	and small entity si	alus. 366 37 CFF	1.27. Fees above are reduc			
TOTAL NATIONAL FEE = \$  TOTAL NATIONAL FEE = \$  See for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest						
ree for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$	
Amount to be refunded: S Amount to be	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
refunded: \$ Amount to be				TOTAL FE	ES ENCLOSED =	s	
						refunded:	s
						Amount to be charged	\$

PTC-1390 (Rev. 07-2005)
Approved for use through 33/12007, OMB 055-0201
U.S. Patent and Trademark Office; U.S. DePartMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

а. 🔲	A check in the amount of \$	_ to cover the above fees is e	nclosed.			
ь. Ц	Please charge my Deposit Account No A duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.			
c. 🗸	The Commissioner is hereby authorized to charge an Account No. 02-2275 . A duplicate copy of this si	additional fees which may be neet is enclosed.	required, or credit any overpayment to Deposit			
d. 🔽	Fees are to be charged to a credit card. WARNING: I be included on this form. Provide credit card inform	nformation on this form may be ation and authorization on PTC	come public. Credit card information should not 1-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.						
SEND ALL CORRESPONDENCE TO: Customer No. 20311 Donald C. Lucas Lucas & Mercanti, LLP 475 Park Avenue South, 15th Floor New York, NY 10016 Tel: 212-661-8000		— Do	enald Lucar MATURE C LUCAS 21, 275 ISTRATION NUMBER			